

ABSTRACT OF DISCLOSURE

A method for separating a more hydrophobic grease or oil contaminant from a less hydrophobic aqueous coolant/lubricant emulsion in which the contaminant has accumulated and in which it is itself emulsified. The contaminated coolant/lubricant is passed through a fluid pervious filtration media which has been infused with an absorption composition which is a homogeneous thermal reaction product of an oil component selected from the group consisting of glycerides, fatty acids, alkenes, and alkynes, and a methacrylate or acrylate polymer component. The contaminant is immobilized at the media and preferentially retained at the filter; and the purified filtrate having passed through the filtration media is collected for further use.